

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	(US-20070081037-\$).did. or (US-5530465-\$ or US-5612725-\$ or US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6347861-\$ or US-6412921-\$ or US-6862783-\$).did.	US-PGPUB; USPAT	OR	ON	2009/11/01 13:01
L2	10	((US-20070081037-\$).did. or (US-5530465-\$ or US-5612725-\$ or US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6347861-\$ or US-6412921-\$ or US-6862783-\$).did.)	US-PGPUB; USPAT	OR	ON	2009/11/01 13:01
L4	1	((US-20070081037-\$).did. or (US-5530465-\$ or US-5612725-\$ or US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6347861-\$ or US-6412921-\$ or US-6862783-\$).did.) and (nozzles near9 parallel near9 adjacent near9 front near9 module)	US-PGPUB; USPAT	OR	ON	2009/11/01 14:15
L5	0	@pd<="20031027" and (nozzles near9 parallel near9 adjacent near9 front near9 module)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:17
L7	1	@pd<="20031027" and ((nozzle near9 parallel near9 adjacent near9 front) near9 (module substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:19
L8	0	"347"/\$.cls. and @pd<="20031027" and ((nozzle near20 parallel near20 adjacent near20 front) near20 (module substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:20

L9	6	"347"/\$.ccls. and @pd<="20031027" and ((nozzle same parallel same adjacent same front) same (module substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:20
L10	7	"347"/\$.ccls. and @pd<="20031027" and ((nozzle same parallel same adjacent same front) same (module substrate chip))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/01 14:21
S2	1	(US-20030007034-\$).did. or (US-20030007034-A-\$).did.	US-PGPUB; DERWENT	OR	ON	2008/03/12 13:38
S3	1	(10/229453).APP.	USPAT; USOCR	OR	ON	2008/03/12 13:40
S4	1	"10577431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 18:31
S6	665	((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20021027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:09
S7	556	((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:09
S8	306	("347"/\$.ccls.) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:10
S9	300	("347"/\$.ccls.) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT	OR	ON	2008/03/30 17:12
S10	479	((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT	OR	ON	2008/03/30 17:12

S11	2	(US-20030007034-\$)".did"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:15
S12	1	(US-20030007034-\$).did. or (US-20030007034-A-\$).did.	US-PGPUB; DERWENT	OR	ON	2008/03/30 17:17
S13	2	(10/229453).app.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:18
S14	1	"10577431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:18
S15	45	(347/65) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:24
S16	197	("347"/\$.cls.) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:29
S17	41	(347/65) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:29
S18	14	(347/70) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:29

S19	0	(347/148) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:30
S20	2	S17 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:36
S21	2	(US-6557985-\$ or US-6074043-\$).did.	USPAT	OR	ON	2008/03/30 17:37
S22	1	(US-6557985-\$).did.	USPAT	OR	ON	2008/03/30 17:39
S23	2	"20020044179"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:41
S24	1	(09/968281).APP.	USPAT; USOCR	OR	ON	2008/03/30 17:41
S25	1	(US-6626524-\$).did.	USPAT	OR	ON	2008/03/30 17:42
S26	4	"6137506"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:52
S27	1	(US-6137506-\$).did.	USPAT	OR	ON	2008/03/30 17:53
S28	34	"6155669"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:54
S29	1	(US-6155669-\$).did.	USPAT	OR	ON	2008/03/30 17:54

S30	47	("347"/85) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:59
S31	0	("347"/95) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:00
S32	0	(347/95) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or processor or integrated or semiconductor) and @ad<="20020101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:01
S33	30	S30 not S17 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:01
S34	39	S17 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:02
S35	12	S18 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:02
S36	53	S17 or S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:03

S37	7	(US-20030007034-\$).did. or (US-6038367-\$ or US-6557985-\$ or US-6074043-\$ or US-6626524-\$ or US-6137506-\$ or US-6155669-\$).did. or (US-20030007034-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/30 18:09
S38	51	S36 not S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:09
S39	51	(US-20020167569-\$ or US-20020075360-\$).did. or (US-7115423-\$ or US-6755513-\$ or US-6702431-\$ or US-6666547-\$ or US-6616270-\$ or US-6572221-\$ or US-6561625-\$ or US-6554408-\$ or US-6536873-\$ or US-6530653-\$ or US-6505919-\$ or US-6502928-\$ or US-6462391-\$ or US-6431689-\$ or US-6412921-\$ or US-6412913-\$ or US-6382780-\$ or US-6350023-\$ or US-6332677-\$ or US-6318849-\$ or US-6296351-\$ or US-6206499-\$ or US-6179414-\$ or US-6109734-\$ or US-6062681-\$ or US-5992769-\$).did. or (US-5989445-\$ or US-5984464-\$ or US-5953029-\$ or US-5946012-\$ or US-5924198-\$ or US-5900894-\$ or US-5896153-\$ or US-5874974-\$ or US-5852460-\$ or US-5755032-\$ or US-5736998-\$ or US-5648805-\$ or US-5648804-\$ or US-5638101-\$ or US-5635966-\$ or US-5625396-\$ or US-5619236-\$ or US-5604519-\$ or US-5594481-\$ or US-5563642-\$ or US-5515089-\$ or US-5483265-\$ or US-5408738-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/30 18:16
S40	7	(US-20030007034-\$).did. or (US-6074043-\$ or US-6626524-\$ or US-6137506-\$ or US-6155669-\$ or US-6038367-\$ or US-6557985-\$).did. or (US-20030007034-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/03/30 18:16

S41	58	(S39 or S40)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:16
S42	2	(S39 or S40) and (mm with front)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:17
S43	0	(S39 or S40) and (ejection with mm with front)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:18
S44	1	(S39 or S40) and (ejection with mm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:18
S45	3	S42 or S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:19
S46	0	((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and ((ejection with cell) with (("0.5" adj mm) or ("1" adj mm)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:23
S47	1	((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and ((ejection with cell) with (mm))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:24
S48	0	("2007/0081037").URPN.	USPAT	OR	ON	2008/03/30 18:25
S49	1	(10/015673).APP.	USPAT; USOCR	OR	ON	2008/03/30 18:34
S50	2	(US-5992769-\$ or US-5989445-\$).did.	USPAT	OR	ON	2008/03/30 18:47
S51	3	(US-6626524-\$ or US-6137506-\$ or US-6557985-\$).did.	USPAT	OR	ON	2008/03/30 18:56

S52	4	(US-20020075360-\$).did. or (US-6616270-\$ or US-6561625-\$ or US-6554408-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/30 19:02
S53	3	(US-6616270-\$ or US-6561625-\$ or US-6554408-\$).did.	USPAT	OR	ON	2008/03/30 19:02
S54	2	(US-5992769-\$ or US-5989445-\$).did.	USPAT	OR	ON	2008/03/30 19:03
S56	2	US-6068367-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 19:06
S57	1	(US-6068367-\$).did.	USPAT	OR	ON	2008/03/30 19:07
S58	9	(US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.	USPAT	OR	ON	2008/03/31 07:43
S59	9	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (silicon or chip)	USPAT	OR	ON	2008/03/31 07:47
S60	0	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive) with (ink or fluid) with (channel or duct or cell)) and (silicon or chip or etched or etch) and (spacer or rib)	USPAT	OR	ON	2008/03/31 09:06

S61	0	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$). did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive) and (ink or fluid) and (channel or duct or cell)) and (silicon or chip or etched or etch) and (spacer or rib)	USPAT	OR	ON	2008/03/31 09:07
S62	2	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$). did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive) and (ink or fluid) and (channel or duct or cell or spacer or rib)) and (silicon or chip or etched or etch)	USPAT	OR	ON	2008/03/31 09:08
S63	2	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$). did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot)) and (silicon or chip or etched or etch)	USPAT	OR	ON	2008/03/31 09:48

S64	1	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot)) and (silicon or chip or etched or etch) and (mm)	USPAT	OR	ON	2008/03/31 09:49
S65	6	("4283228" "4312008" "5530465" "5612725" "5874975" "6260960").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/31 09:49
S66	1	((US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot or cavity or passage)) and (silicon or chip or etched or etch) and (mm)	USPAT	OR	ON	2008/03/31 09:59
S67	2	(US-5612725-\$ or US-5530465-\$).did.	USPAT	OR	ON	2008/03/31 10:08
S68	42	("5530465" "5612725").URPN.	USPAT	OR	ON	2008/03/31 10:08
S70	5	(US-6862783-\$ or US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$).did.	USPAT	OR	ON	2008/03/31 10:43
S71	9	(US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.	USPAT	OR	ON	2008/03/31 10:44
S72	4	(US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$).did.	USPAT	OR	ON	2008/03/31 10:50

S73	13	(US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.	USPAT	OR	ON	2008/03/31 10:52
S74	1	((US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot or cavity or passage)) and (silicon or chip or etched or etch) and (mm)	USPAT	OR	ON	2008/03/31 10:53
S75	1	((US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot or cavity or passage)) and (silicon or chip or etched or etch) and (mm) and nozzle	USPAT	OR	ON	2008/03/31 11:15

S77	1	((US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did.) and (printhead) and ((ink adj jet) or inkjet) and ((seal or sealed or sealing or fasten or fastening or adhesive or glue or lamina or taper or tapering) and (ink or fluid) and (channel or duct or cell or spacer or rib or slot or cavity or passage)) and (silicon or chip or etched or etch) and (mm) and nozzle	USPAT	OR	ON	2008/03/31 12:55
S78	1	(US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did. and ((taper or tapered or tapering or chamfer) with (lamina or layer))	USPAT	OR	ON	2008/04/01 09:02
S79	3	(US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did. and ((channel with width) with (mm))	USPAT	OR	ON	2008/04/01 09:23
S80	3	(US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$).did. and ((channel same width) same (mm))	USPAT	OR	ON	2008/04/01 09:25
S81	2	(US-6616270-\$ or US-6554408-\$).did.	USPAT	OR	ON	2008/04/01 19:10

S82	11895	(347/44, "47", "54", "65", "70", "85", "148") and ((seal or sealing or sealed) with (lamina or cover)) and ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 10:53
S83	9	(US-6626524-\$ or US-6557985-\$ or US-6137506-\$ or US-6616270-\$ or US-6561625-\$ or US-6554408-\$ or US-5992769-\$ or US-5989445-\$ or US-6068367-\$). did.	USPAT	OR	ON	2008/04/02 10:57
S84	0	S83 and ((seal or sealing or sealed) with (lamina or cover)) and ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 10:58
S85	0	S83 and ((seal or sealing or sealed) with (lamina or cover)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:00
S86	0	S83 and (lamina or cover) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:02
S87	0	S83 and (lamina or cover or top) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:02
S88	300	("347"/\$.cls.) and ((ink adj jet) or inkjet) and ((seal or sealing or fasten or fastening) with (ink or fluid) with (channel or duct or cell)) and @ad<="20020101"	US-PGPUB; USPAT	OR	ON	2008/04/02 11:50
S89	1	S88 and ((seal or sealing or sealed) with (lamina or cover)) and ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 11:50

S90	0	S88 and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side or wall))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:20
S91	843	S82 and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side or wall))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:21
S92	770	S82 and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:22
S93	41	S82 and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side)) with (channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:23
S94	38	S82 and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) with (edge or side)) with (channel) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:24
S95	0	"347"/\$.ccls. and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) adj (edge or side)) with (channel) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:27
S96	0	("347"/\$.ccls.) and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) adj (edge or side)) with (channel) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:29

S97	1	("347"/\$.cls.) and ((seal or sealing or sealed) with (lamina or cover or strip)) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) adj (edge or side)) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:31
S98	12	("347"/\$.cls.) and (lamina or cover or strip) with ((taper or tapered or tapering or chamfer or chamfered or bevel or beveled) adj (edge or side)) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 12:33
S99	1	(US-6014153-\$).did.	USPAT	OR	ON	2008/04/02 12:35
S100	2	"20070081037".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/01 15:22
S102	1	"20070081037".pn. and ("207", "144", "153", "155", "156", "159", "161", "153", "142")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/01 17:32
S106	2	("20070081037".pn.) and ((printhead) or (ejection adj modules) or (chip) or (ejection adj nozzle) or (edge with module) or (ejection with cell) or (delivery with channels) or (ink with cells) or ((distribution adj channel) with (front)) or (((first or second) adj (edge)) or (channels)) or (nozzle adj layer) or (relative adj chip) or (parallel with front) or (support with mounting with module) or (feeding adj duct) or (fluid adj seal) or ((ribs) with (distribution adj channel) with (delivery adj channel)) or ((ribs with transverse) with (distribution adj channel)) or ((bearing) with (nozzle adj layer)) or ((pair with ribs) with (delivery adj channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/01 18:09

S107	1	(US-20070081037-\$).did.	US-PGPUB	OR	ON	2008/11/01 18:24
S108	1	(US-20070081037-\$).did.	US-PGPUB	OR	ON	2008/11/01 18:32
S109	8	(US-20070081037-\$).did. or (US-5530465-\$ or US- 5612725-\$ or US-6711793-\$ or US-6505919-\$ or US- 6109738-\$ or US-5825383-\$ or US-6862783-\$).did.	US-PGPUB; USPAT	OR	ON	2008/11/02 14:57
S110	0	"347"/\$.ccls. and (structural adj layer) and (ribs or divider or separator) and (fastened with ribs) with (etching or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:00
S111	0	"347"/\$.ccls. and (structural adj layer) and (ribs or divider or separator or barrier) and (fastened with ribs) with (etching or etch or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:02
S112	0	"347"/\$.ccls. and (structural with layer) and (ribs or divider or separator or barrier) and (fastened with ribs) with (etching or etch or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:03
S113	0	"347"/\$.ccls. and (structural with layer) and (rib or divider or separator or barrier) and (fastened with ribs) with (etching or etch or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:03
S114	100	"347"/\$.ccls. and (structural with layer) and (rib or divider or separator or barrier) and (etching or etch or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:03
S115	4	"347"/\$.ccls. and (structural with layer) same (rib or divider or separator or barrier) same (etching or etch or etched) and @pd<="20031027"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/02 15:04
S116	1	(US-6347861-\$).did.	USPAT	OR	ON	2008/11/02 15:09

S117	9	(US-20070081037-\$).did. or (US-5530465-\$ or US- 5612725-\$ or US-6711793-\$ or US-6505919-\$ or US- 6109738-\$ or US-5825383-\$ or US-6347861-\$ or US- 6862783-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/12 12:33
S118	1	((US-20070081037-\$).did. or (US-5530465-\$ or US- 5612725-\$ or US-6711793-\$ or US-6505919-\$ or US- 6109738-\$ or US-5825383-\$ or US-6347861-\$ or US- 6862783-\$).did.) and (((delivery same distribution)) same (channel))	US-PGPUB; USPAT	OR	ON	2009/04/12 12:34
S119	0	((US-20070081037-\$).did. or (US-5530465-\$ or US- 5612725-\$ or US-6711793-\$ or US-6505919-\$ or US- 6109738-\$ or US-5825383-\$ or US-6347861-\$ or US- 6862783-\$).did.) and (((delivery same distribution) same (channel) same (orthogonal or perpendicular))	US-PGPUB; USPAT	OR	ON	2009/04/12 12:42
S120	2	"20070081037".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/12 12:45
S121	2	"347"/\$.ccls. and pd<="20031027" and ((delivery same distribution) same (channel) same (orthogonal or perpendicular))	US-PGPUB; USPAT	OR	ON	2009/04/12 12:48
S122	0	"347"/\$.ccls. and @pd<="20031027" and ((delivery same distribution) same (channel) same (orthogonal or perpendicular))	US-PGPUB; USPAT	OR	ON	2009/04/12 12:49
S123	3	"347"/\$.ccls. and @pd<="20031027" and ((delivery same distribution) same (channel))	US-PGPUB; USPAT	OR	ON	2009/04/12 12:49

S124	1	((US-20070081037-\$).did. or (US-5530465-\$ or US-5612725-\$ or US-6711793-\$ or US-6505919-\$ or US-6109738-\$ or US-5825383-\$ or US-6347861-\$ or US-6862783-\$).did.) and ((feeding) with (duct))	US-PGPUB; USPAT	OR	ON	2009/04/12 15:51
S125	54	"347"?\$.ccls. and ((feeding) with (duct))	US-PGPUB; USPAT	OR	ON	2009/04/12 15:51
S126	18	"347"/\$.ccls. and @pd<="20031027" and ((feeding) with (duct))	US-PGPUB; USPAT	OR	ON	2009/04/12 15:52
S127	8	"347"/\$.ccls. and @pd<="20031027" and ((feeding) with (duct) with (ink))	US-PGPUB; USPAT	OR	ON	2009/04/12 15:53

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